**Task 1 : Database Design**

* 1. Create the database named "SISDB"

Ans -

create database sisdb;

use sisdb;

CREATE TABLE Students (

student\_id int auto\_increment PRIMARY KEY,

first\_name varchar(255) not null,

last\_name varchar(255) not null,

date\_of\_birth date not null,

email varchar(255) unique not null,

phone\_number varchar(20)

);

-- Creating course table for ass2

CREATE TABLE Courses(

course\_id int auto\_increment primary key,

course\_name varchar(255) not null,

credits int not null,

teacher\_id int,

foreign key (teacher\_id) references Teacher(teacher\_id)

);

CREATE TABLE Teacher (

teacher\_id int auto\_increment primary key,

first\_name varchar(255) not null,

last\_name varchar(255) not null,

email varchar(255) unique not null

);